

Title (en)

Hollow piston for a piston machine

Title (de)

Hohlkolben für eine Kolbenmaschine

Title (fr)

Piston creux pour machine à pistons alternatifs

Publication

EP 1076181 B1 20040609 (DE)

Application

EP 00116900 A 20000804

Priority

DE 19938046 A 19990812

Abstract (en)

[origin: EP1076181A2] The piston (2) has a base section (11) with a ball joint part at one end and a peripheral wall (15) surrounding a hollow chamber (9) extending in the other axial direction. The hollow chamber is closed in the free end area of the piston by a closure arrangement (12). The hollow piston is formed in one piece and the closure arrangement is formed by a moulding (16) in the peripheral wall that is directed radially inwards. An Independent claim is included for a method for manufacturing a hollow piston.

IPC 1-7

F04B 1/12; **F01B 3/00**

IPC 8 full level

B23P 15/10 (2006.01); **F01B 3/00** (2006.01); **F04B 1/12** (2006.01)

CPC (source: EP)

B23P 15/10 (2013.01); **F01B 3/0085** (2013.01); **F04B 1/124** (2013.01)

Cited by

CN113878086A; CN113878085A; WO2008074499A1

Designated contracting state (EPC)

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EP 1076181 A2 20010214; **EP 1076181 A3 20020619**; **EP 1076181 B1 20040609**; DE 19938046 A1 20010308; DE 50006731 D1 20040715; DE 50011401 D1 20060302; EP 1378628 A1 20040107; EP 1378628 B1 20051019

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EP 00116900 A 20000804; DE 19938046 A 19990812; DE 50006731 T 20000804; DE 50011401 T 20000804; EP 03019918 A 20000804